

ABSTRACT OF THE DISCLOSURE

Reception level frequency distribution is determined. A frequency correlation bandwidth is determined in accordance with intervals between peaks or dips, or alternatively intervals between intersections wherein the reception level frequency distribution intersects a threshold. At the time of reception start, a training mode period is set up to determine a frequency correlation bandwidth. After the training mode period, signals are received in accordance with the determined frequency correlation bandwidth. The frequency correlation bandwidth is determined with increased precision to avoid a large amount of calculation such as Fourier transform. As a result, the entire diversity reception processing requires a reduced amount of calculation.